



Figure 1

fUSE5 Construct

	cpIII SIGNAL SEQUENCECry1Ac.....	<u>Junction</u>	cpIII
Cry1Ac(synthetic)		MDNNPNI...S₂₇₉...I₄₉₁...R₆₀₅FEFIPVTATLE stop(uaa) (SEQ ID NO:7)		
Cry1Ac-fUSE5	VKK.....HSADG PLA MDNNPNI...S₂₇₉...F₄₉₁...R₆₀₅FEFIPVTNARGSCRASG₃₀AETVESCL (SEQ ID NO:8)			
Cry1Ac-Kpn-fUSE5	VKK.....HSADG PLA MDNNPNI...T₂₇₉...F₄₉₁...R₆₀₅FEFIPVTNARGSCRASG₃₀AETVESCL (SEQ ID NO:9)			
WT-fUSE5	VKKLLFAIPLVVPFYSHSADVAMGWAAAG ₃₀ AETVESCL (SEQ ID NO:11)			

SurfZap™ Construct

	PeIB LEADERCry1Ac.....	<u>Junction</u>	cpIII
Cry1Ac-SZ	AGGLLLLAAQPAM MDNNPNI...R₆₀₅FEFIPVTATLE.....VSNL₆₅₅ASGGGGSP₁₉₈FVCEYQQGQ (SEQ ID NO:12)			
			(SEQ ID NO:13)	(SEQ ID NO:14)